



US00D923444S

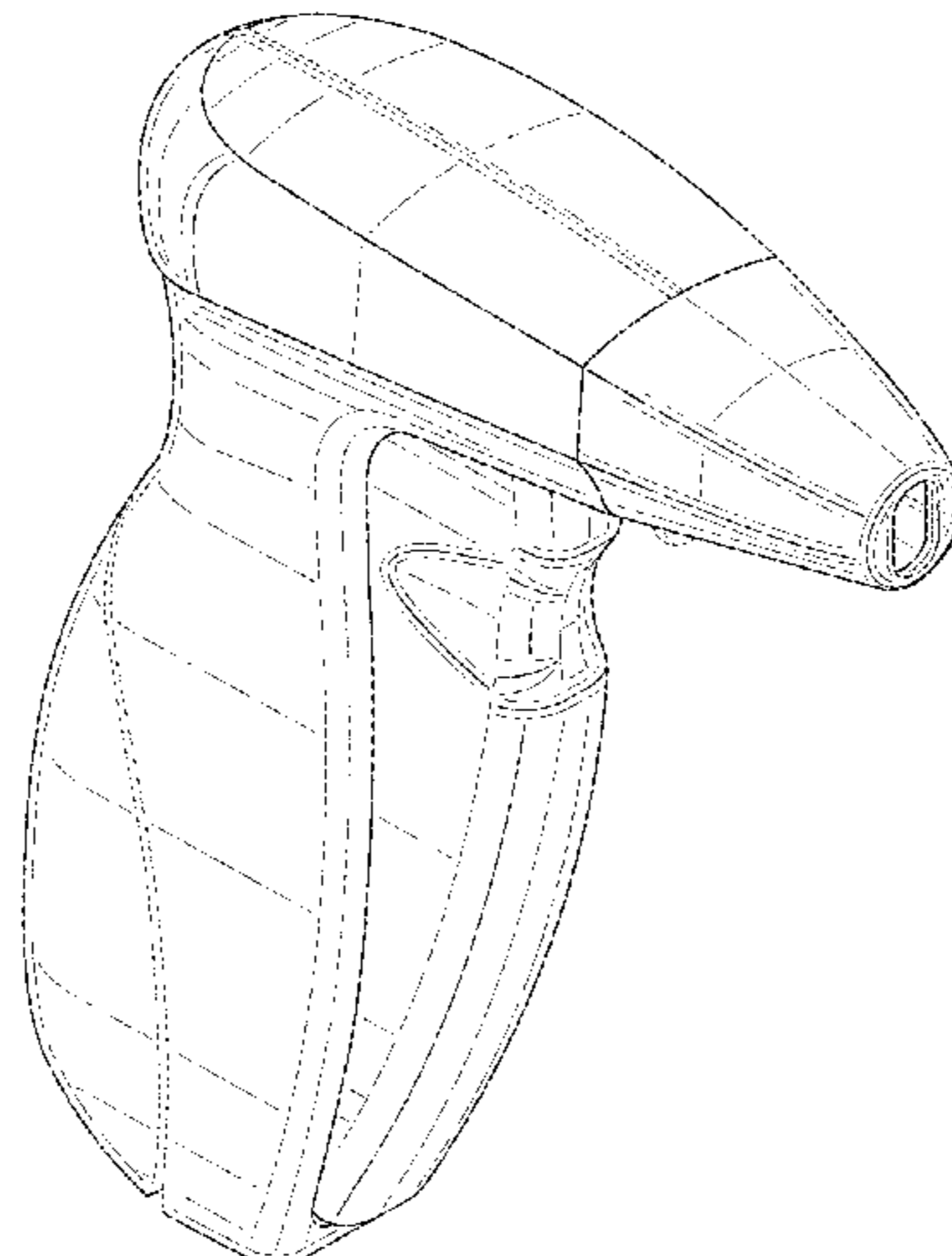
(12) **United States Design Patent** (10) **Patent No.:** **US D923,444 S**
Uschold et al. (45) **Date of Patent:** **** Jun. 29, 2021**

- (54) **FASTENING APPARATUS** 3,895,753 A 7/1975 Bone
 3,900,925 A 8/1975 LaTorraca
 3,990,619 A 11/1976 Russell
 D243,365 S 2/1977 Cross
 D251,771 S 5/1979 Tritton
 4,187,970 A 2/1980 Furutu
 4,296,698 A 10/1981 Davidson et al.
 4,333,596 A 6/1982 Kunreuther
 4,417,682 A * 11/1983 Furutsu B65C 7/005
 227/136
- (71) Applicant: **Avery Dennison Corporation**,
 Glendale, CA (US)
- (72) Inventors: **Robert Charles Uschold**, Leominster,
 MA (US); **Soniya Ashar**, Dubai (AE);
David Gregory Honan, Concord, MA
 (US)
- (73) Assignee: **Avery Dennison Corporation**,
 Glendale, CA (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/687,352**
- (22) Filed: **Apr. 12, 2019**
- (51) **LOC (13) Cl.** **08-05**
- (52) **U.S. Cl.**
 USPC **D8/51**
- (58) **Field of Classification Search**
 USPC D8/14, 51, 68, 61, 69-70, 98; D24/145,
 D24/133
 CPC B65C 7/005; B65C 7/00; B65C 7/006;
 G09F 3/08; A41H 37/005; A41H 37/008
 See application file for complete search history.
- 4,423,837 A 1/1984 Clements
 D273,171 S * 3/1984 Bone D8/49
 4,455,858 A 6/1984 Hettich
 4,456,162 A * 6/1984 Furutsu B65C 7/005
 227/67
- 4,482,088 A 11/1984 Hyun
 4,492,330 A 1/1985 Furutsu
 4,664,306 A 5/1987 Levy
 4,693,248 A 9/1987 Failla
 4,838,469 A 6/1989 Strausburg
 4,923,106 A 5/1990 Furutsu
 5,020,713 A 6/1991 Kunreuther
 5,074,452 A 12/1991 Bone
 D327,398 S 6/1992 Meyers
 D333,415 S 2/1993 Furutsu
 5,188,912 A 2/1993 Katoh
 5,205,458 A 4/1993 Kunreuther
 D340,850 S * 11/1993 Tang D8/68
 5,305,939 A 4/1994 Deschenes et al.
 5,307,975 A 5/1994 Deschenes et al.
 5,383,260 A 1/1995 Deschenes et al.
 RE34,857 E * 2/1995 Kunreuther B65C 7/005
 227/67

(56) **References Cited**

U.S. PATENT DOCUMENTS

- | | | | | | |
|--------------|---------|------------------------|---------------|---------|--|
| 2,257,954 A | 10/1941 | Henkels | 5,495,974 A | 3/1996 | Deschenes et al. |
| 2,947,047 A | 8/1960 | Guzell | 5,518,162 A | 5/1996 | Deschenes et al. |
| D200,198 S | 2/1965 | Vilcins | 5,622,257 A | 4/1997 | Deschenes et al. |
| 3,282,657 A | 11/1966 | Bright | 5,671,507 A | 9/1997 | Deschenes et al. |
| 3,338,689 A | 8/1967 | Hetzel et al. | 5,678,747 A | 10/1997 | Kunreuther et al. |
| 3,399,432 A | 9/1968 | Merser | 5,715,984 A | 2/1998 | Deschenes |
| 3,470,834 A | 10/1969 | Bone | 5,810,238 A * | 9/1998 | Kunreuther A41H 37/008
227/71 |
| 3,494,004 A | 2/1970 | Bone | 5,813,589 A | 9/1998 | Kim |
| 3,547,122 A | 12/1970 | Rinser | 5,826,775 A | 10/1998 | Mooney et al. |
| D223,138 S * | 3/1972 | Mulholland D8/51 | D402,540 S | 12/1998 | Stridh |
| 3,750,605 A | 8/1973 | Warburton et al. | 5,938,024 A | 8/1999 | Deschenes et al. |
| D230,115 S | 1/1974 | Beams | 5,954,242 A | 9/1999 | Deschenes et al. |
| 3,815,798 A | 6/1974 | Lavitch et al. | D415,953 S | 11/1999 | Huang |
| 3,875,648 A | 4/1975 | Bone | 5,975,398 A | 11/1999 | Evans |
| 3,893,612 A | 7/1975 | Bone | | | |



6,055,716	A	5/2000	Ayres et al.	
6,126,056	A	10/2000	Ueno et al.	
D434,630	S	12/2000	Oliver et al.	
6,267,285	B1 *	7/2001	Raymond	B65C 7/005 227/67
6,267,286	B1	7/2001	Deschenes et al.	
6,418,597	B1 *	7/2002	Deschenes	B65C 7/005 24/16 PB
6,427,895	B1	8/2002	Deschenes	
6,638,297	B1	10/2003	Huitema	
6,685,077	B1 *	2/2004	Davignon	B65C 7/005 227/101
D522,330	S	6/2006	Arnold et al.	
D590,685	S	4/2009	Sterling	
D596,007	S	7/2009	Price et al.	
8,316,529	B2 *	11/2012	Davis	B65C 7/005 29/717
8,381,958	B2	2/2013	Lussier et al.	
D696,576	S	12/2013	Ng	
9,271,726	B2	3/2016	Euteneuer	
D808,253	S	1/2018	Daniels	
D895,113	S	9/2020	Blair et al.	
D914,491	S	3/2021	Daniels	
2005/0125958	A1	6/2005	Deschenes et al.	
2013/0167356	A1	7/2013	Hagie et al.	
2016/0135808	A1	5/2016	Anderson	

FOREIGN PATENT DOCUMENTS

CA	33943	*	5/1971
CN	301364410		10/2010
CN	3017190925		11/2011
CN	203158329		8/2013
DE	3625481		2/1988
GB	4006092		2/2008
GB	6014567		6/2017
JP	06171632		6/1994
JP	D1380076		1/2010
JP	D1455928		10/2012
WO	98/21990		5/1998

OTHER PUBLICATIONS

International Search Report issued in IA No. PCT/US10/00680 dated May 3, 2010.

Written Opinion issued in corresponding IA No. PCT/US10/00680 dated May 3, 2010.

International Search Report and Written Opinion dated Aug. 3, 2020 issued in corresponding IA No. PCT/US2020/027185 filed Apr. 8, 2020.

Keadic, 30Pcs M32 Two Hole Strap U Bracket Tube Strap Tension Clips Stainless Steel Heavy Duty Rigid Type Pipe Strap Clamp, Date first available Sep. 2, 2018, [online] retrieved Dec. 28, 2020, available from Internet, <https://www.amazon.com/Keadic-Bracket-Stainless-Surfaces-Structures/dp/B07H25JPZN/ref=s> (year: 2018).

SeeRapee, 304 Stainless Steel U Bolt Set Marine Boat Deck Hardware M8x100, Date first available May 23, 2018, [online] retrieved Dec. 28, 2020, available from internet, https://www.amazon.com/Stainless-Steel-Marine-Hardware-M8x100/dp/B07D7TYRGX/ref=sr_1_20_sspa?dchild=1&keywords=u+shaped+fasteners&qid (Year: 2018).

Unistrut, Genuine Unistrut Brand P1047-EG 5 Hole“U” Shaped Connector Bracket, Date first available Feb. 7, 2014, [online] retrieved Dec. 28, 2020, available from internet, https://www.amazon.com/Genuine-Unistrut-P1047-EG-Connector-Bracket/dp/B00IASG7BA/ref=sr_1_45?dchild=1&keywords=u+shaped+fasteners& (Year: 2014).

Prime-Line Store, MP7018 Wire Shelf Loop Clip, Date first available Nov. 9, 2017, [online] retrieved Dec. 28, 2020, available from internet, https://www.amazon.com/Prime-Line-MP7018-Wire-Shelf-Piece/dp/B07793L26V/ref=sr_1_175?dchild=1&keywords=u+shaped+fasteners&qid=1609280165&sr=8-175 (Year 2017).

Bulk Hardware, BH03720 Galvanised Netting Staple, Date first available: Jan. 20, 2017, [online] retrieved Apr. 9, 2021, available from <https://www.amazon.com/Bulk-hardware-BH03720-Galvanized->

Netting/dp/B01BHQKPKA/ref=sr_1_45?dchild=1&keywords=u+shaped+fasteners&qid=1617974810&sr=8-45 (Year: 2017).

Harris Hardware, TP1756 2 Ear Wall Bracket, Date first available Oct. 18, 2019, [online] retrieved Apr. 9, 2021, available from https://www.amazon.com/Harris-Hardware-TP1756-Bracket-Chrome/dp/B07MFW7ZZZ/ref=pd_sbs_9?pd_rd_w=DKGPr&pf_rd_p=2419a049-62bf-452e-b0d0-ca5b7e35a7b4&pf_rd_r=3ESC62KVVG8PNKFVPMRD& (Year: 2019).

* cited by examiner

Primary Examiner — Wan Laymon

(57) CLAIM

The ornamental design for a fastening apparatus, as shown and described.

DESCRIPTION

FIG. 1 is a front, top, right perspective view of a first embodiment of a fastening apparatus, showing my new design;

FIG. 2 is a front view of the fastening apparatus of FIG. 1;

FIG. 3 is a rear view of the fastening apparatus of FIG. 1;

FIG. 4 is a right side view of the fastening apparatus of FIG. 1;

FIG. 5 is a left side view of the fastening apparatus of FIG. 1;

FIG. 6 is a top view of the fastening apparatus of FIG. 1;

FIG. 7 is a bottom view of the fastening apparatus of FIG. 1;

FIG. 8 is a front, top, right perspective view of a second embodiment of a fastening apparatus that appears identical to FIG. 1 but showing the finger recess in the trigger in broken lines without shading, wherein the front view, rear view, right side view, left side view, top view and bottom view of the second embodiment of the fastening apparatus would appear identical FIGS. 2-7, respectively, but also showing the finger recess in the trigger in FIGS. 2, 4, 5 and 7 in broken lines and without shading;

FIG. 9 is a front, top, right perspective view of a third embodiment of a fastening apparatus that appears identical to FIG. 1 but showing the aperture in the cap in broken lines without shading, wherein the front view, rear view, right side view, left side view, top view and bottom view of the second embodiment of the fastening apparatus would appear identical FIGS. 2-7, respectively, but also showing the aperture in the cap in FIG. 2 in broken lines and without shading; and,

FIG. 10 is a front, top, right perspective view of a fourth embodiment of a fastening apparatus that appears identical to FIG. 1 but showing the finger recess in the trigger and the aperture in the cap in broken lines without shading, wherein the front view, rear view, right side view, left side view, top view and bottom view of the second embodiment of the fastening apparatus would appear identical FIGS. 2-7, respectively, but also showing the finger recess in the trigger in FIGS. 2, 4, 5 and 7 in broken lines and without shading and the aperture in the cap in FIG. 2 in broken lines without shading.

The unshaded regions demarcated by one or more broken lines or a combination of one or more broken and solid lines in FIGS. 1-10 represent unclaimed portions that form no part of the claimed design. The shaded regions of FIGS. 1-10 represent surface shape only and do not represent any particular material or color. Unless otherwise described

above, the broken lines in all the figures are provided for environmental purposes only and form no part of the claimed design.

1 Claim, 10 Drawing Sheets

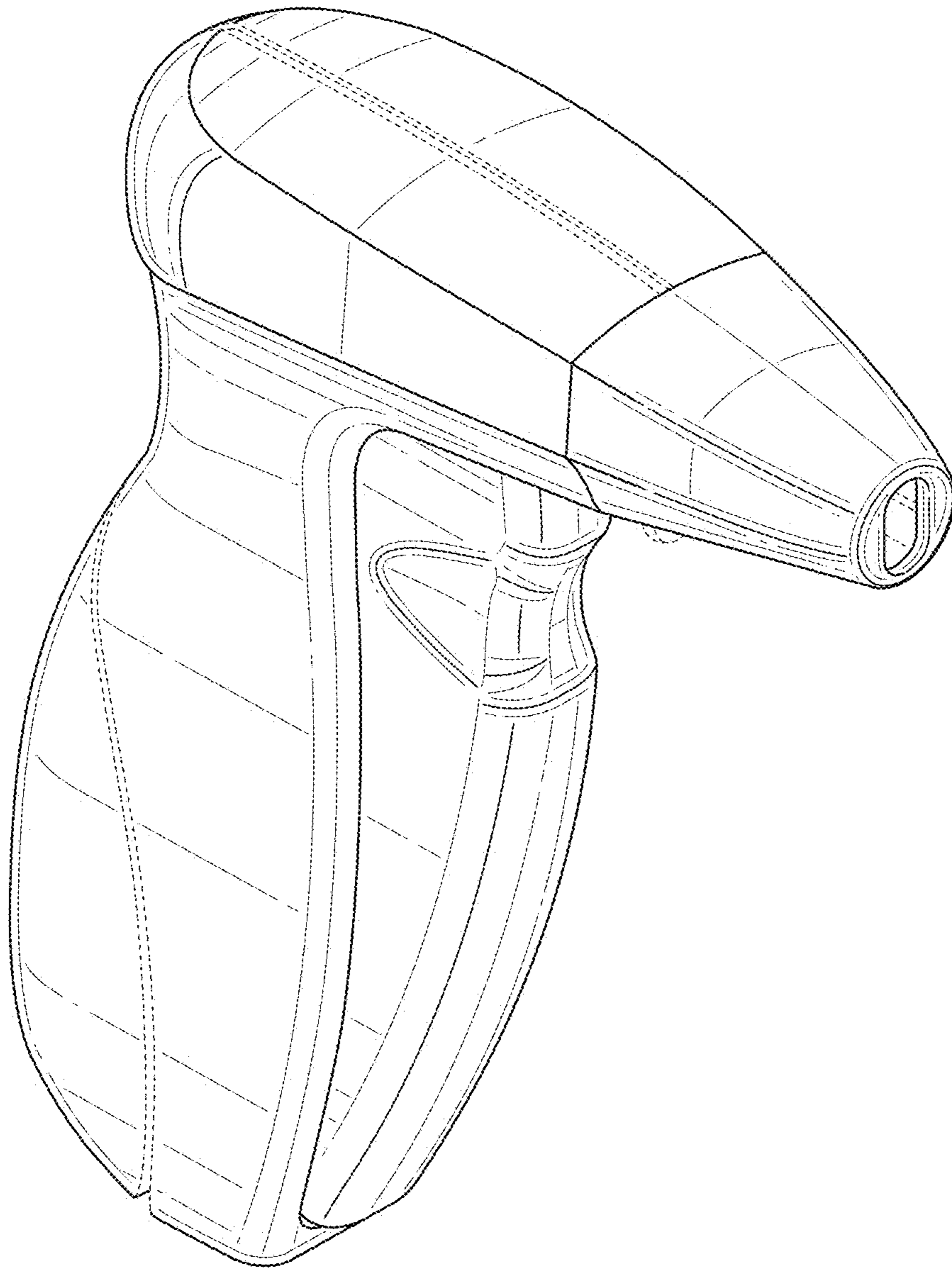


FIG. 1

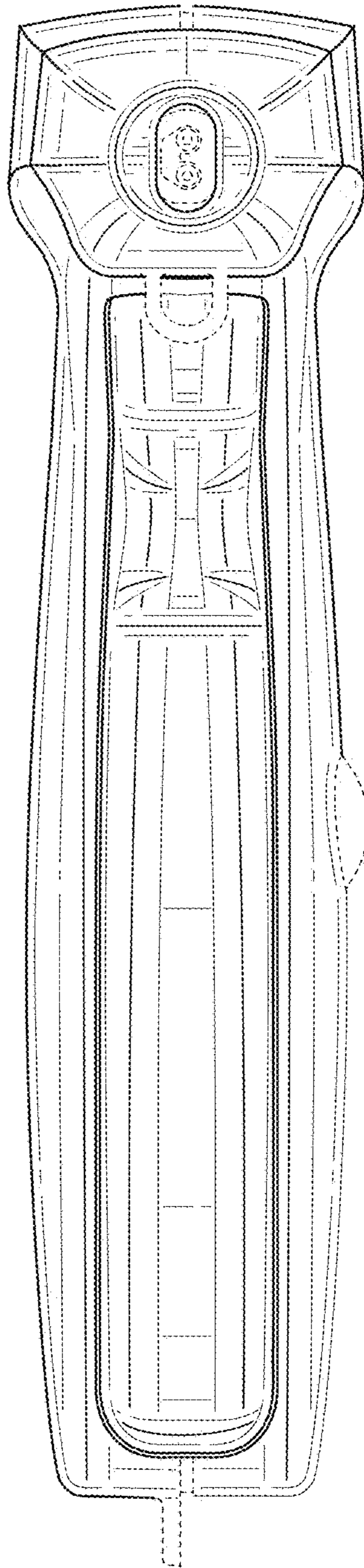


FIG. 2

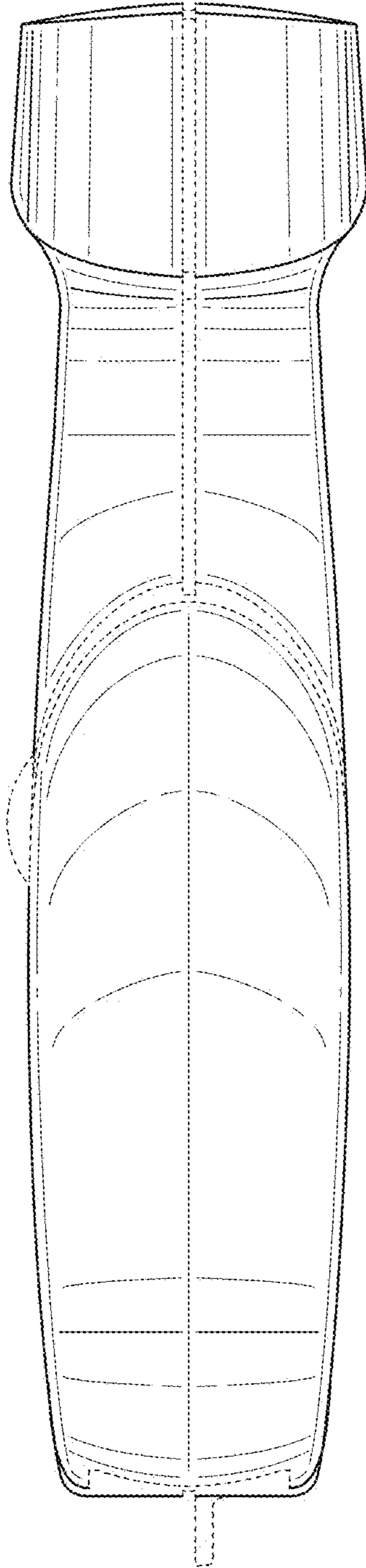


FIG. 3

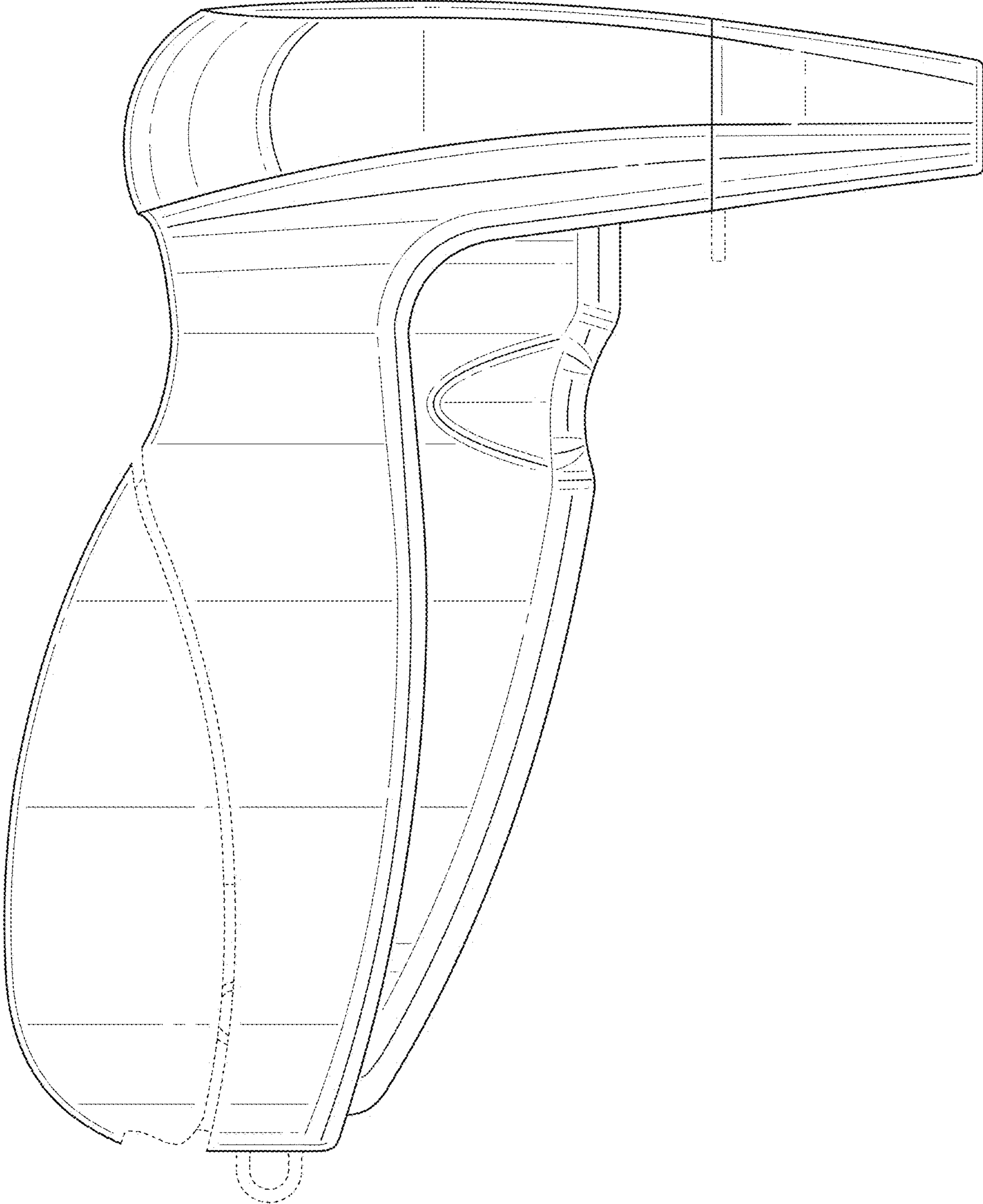


FIG. 4

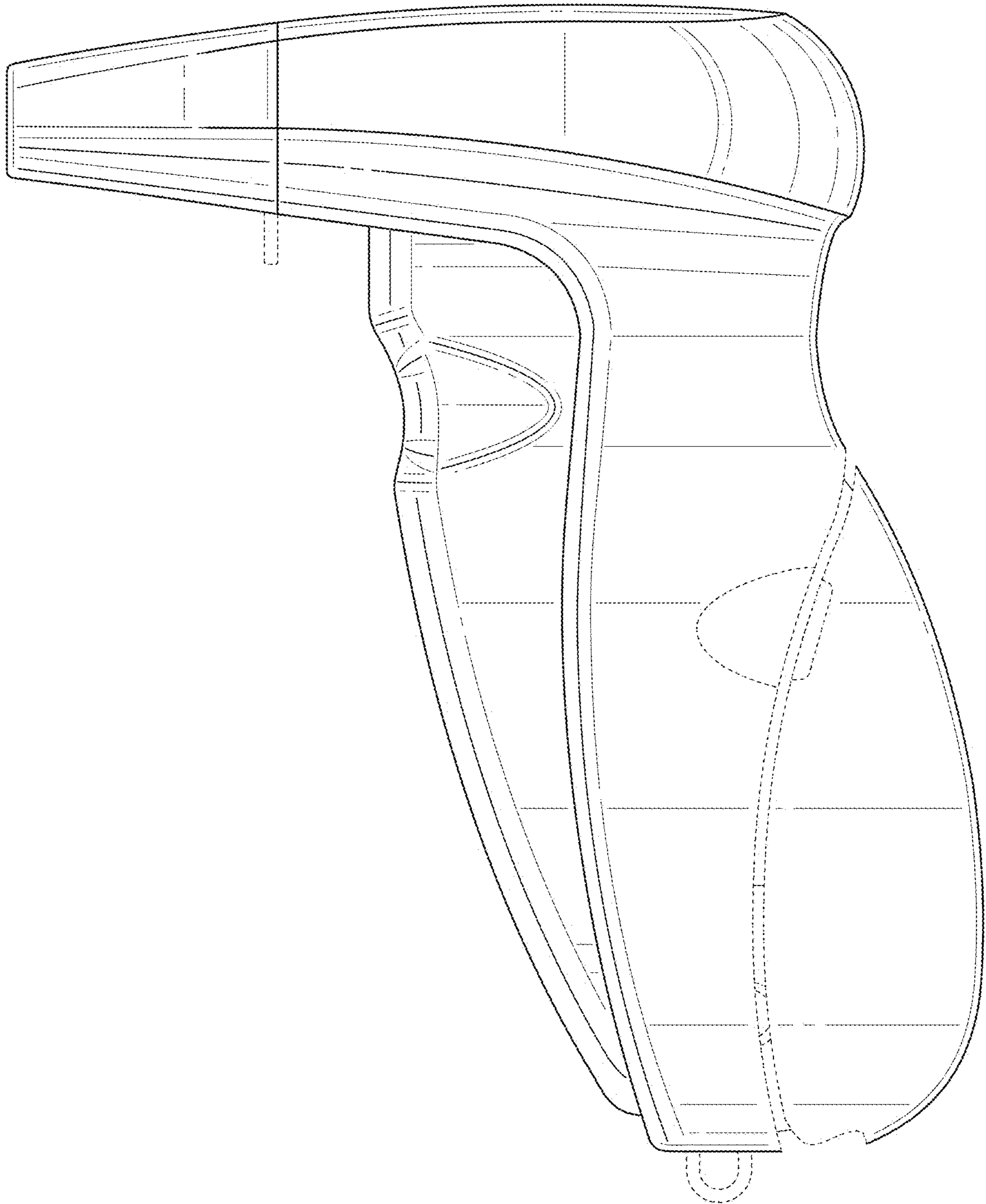


FIG. 5

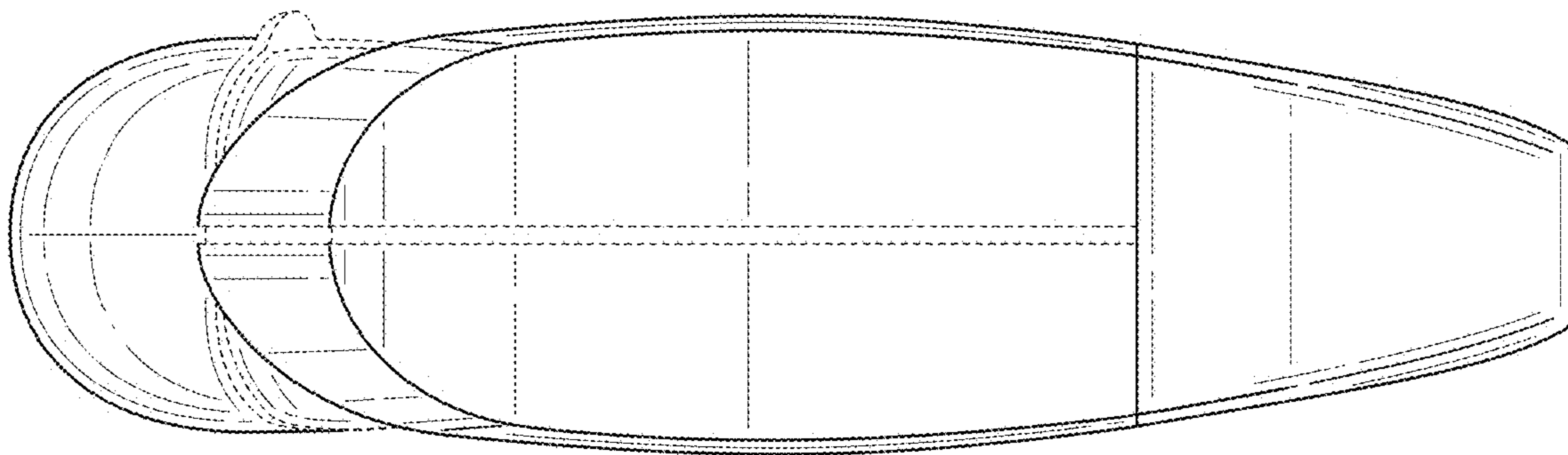


FIG. 6

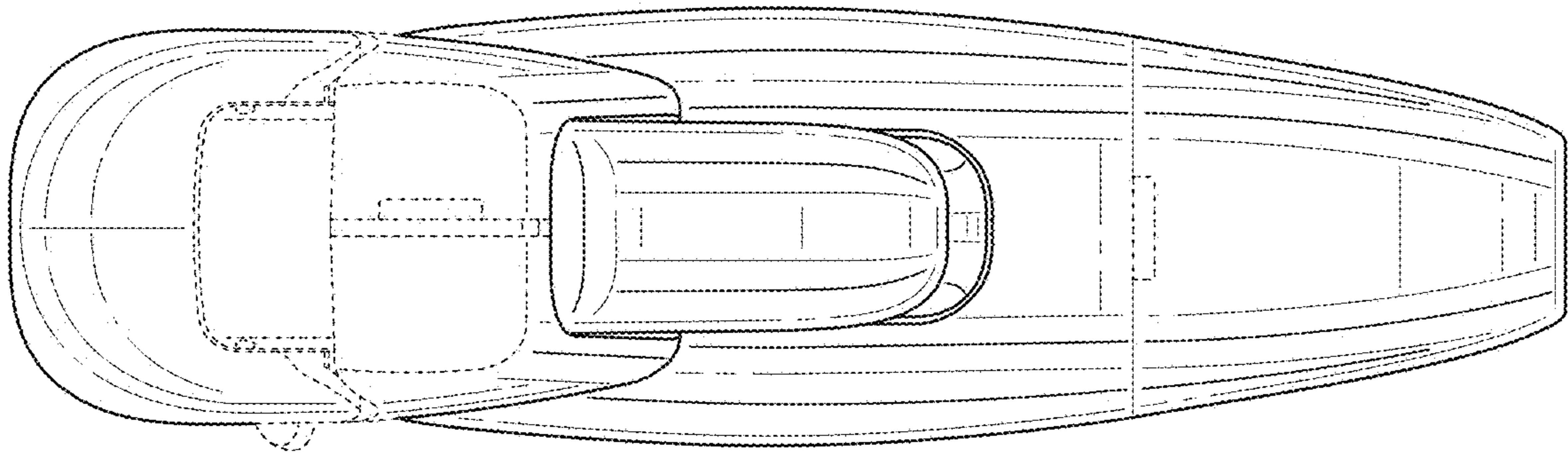


FIG. 7

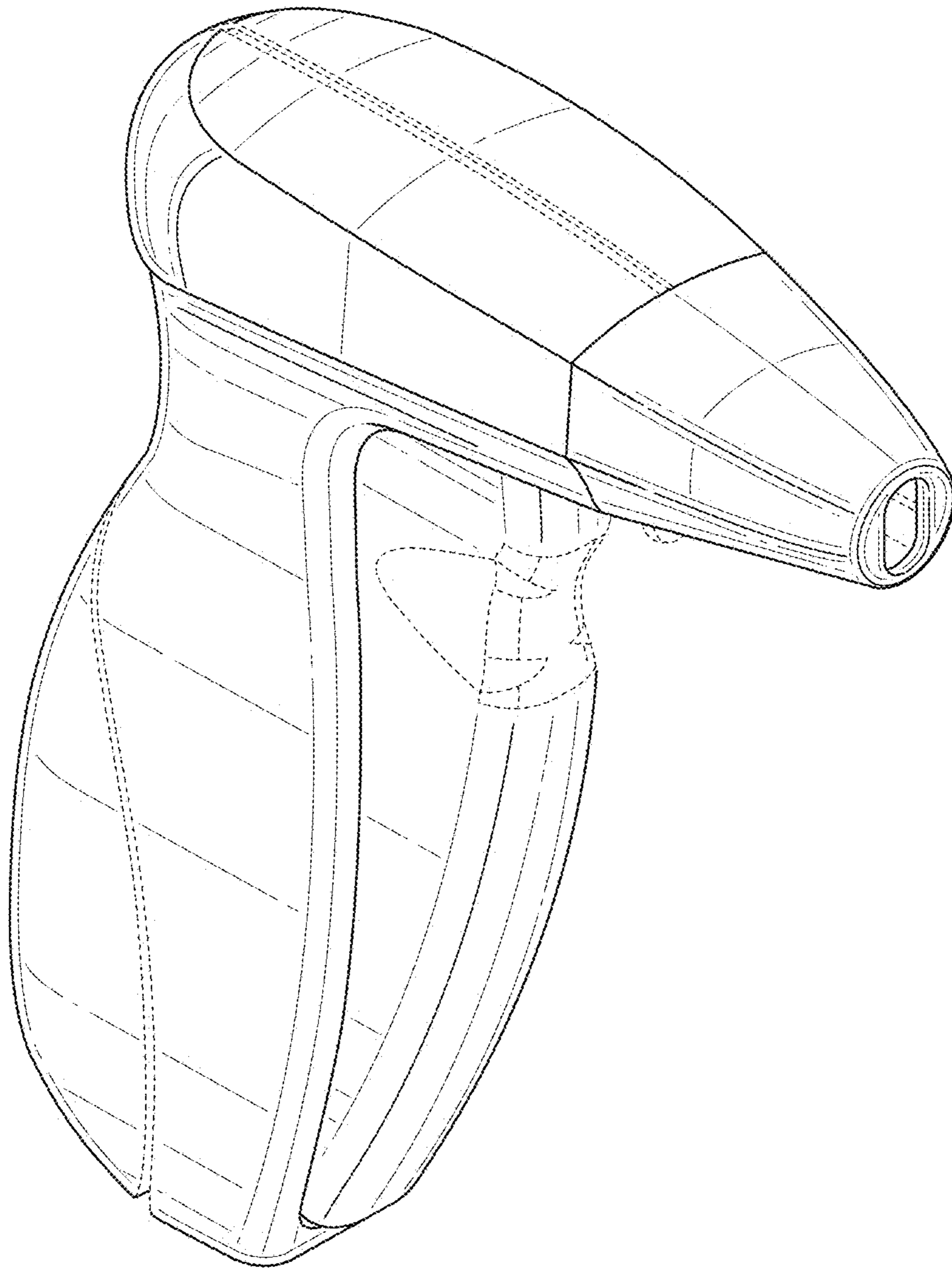


FIG. 8

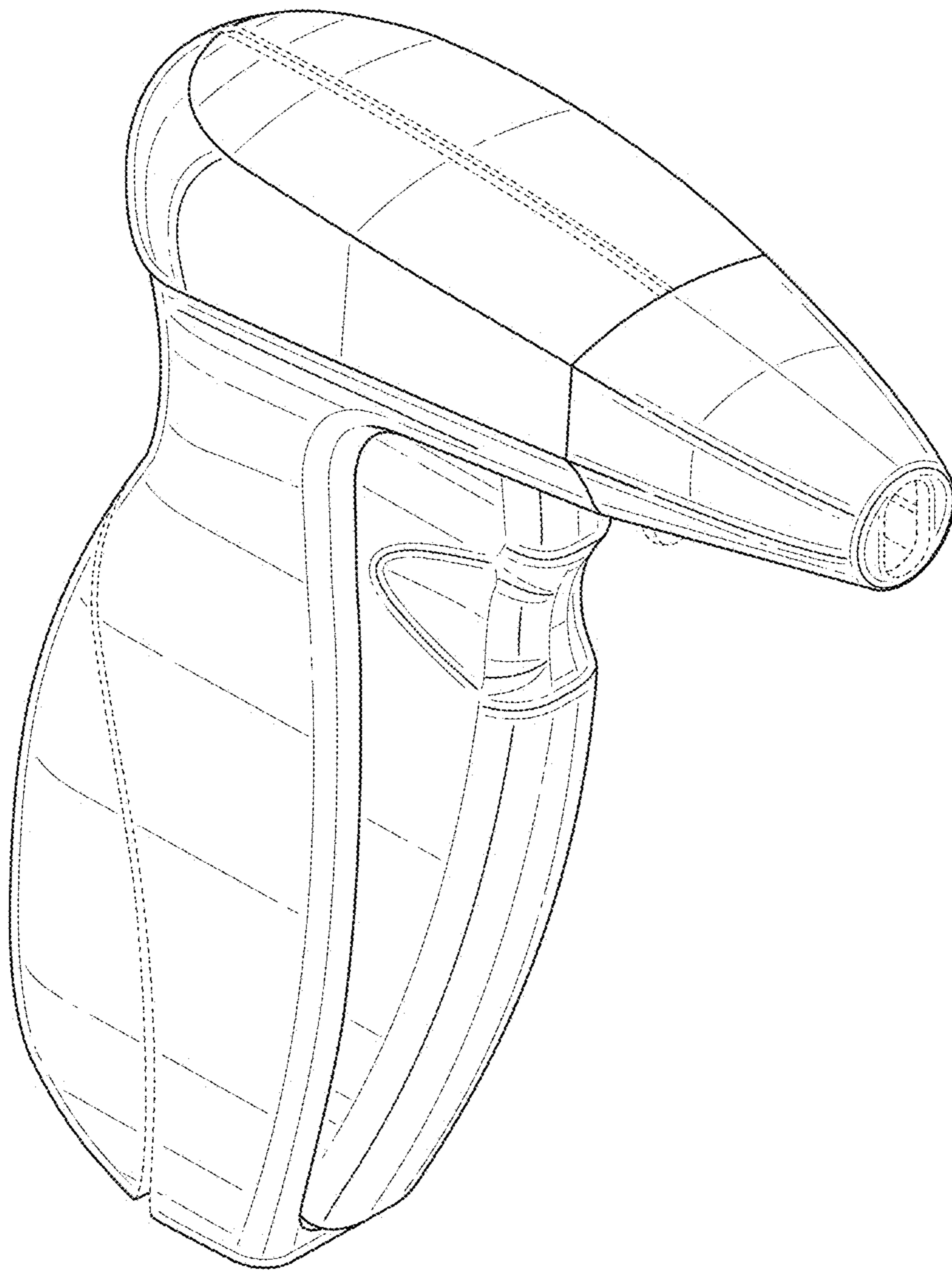


FIG. 9

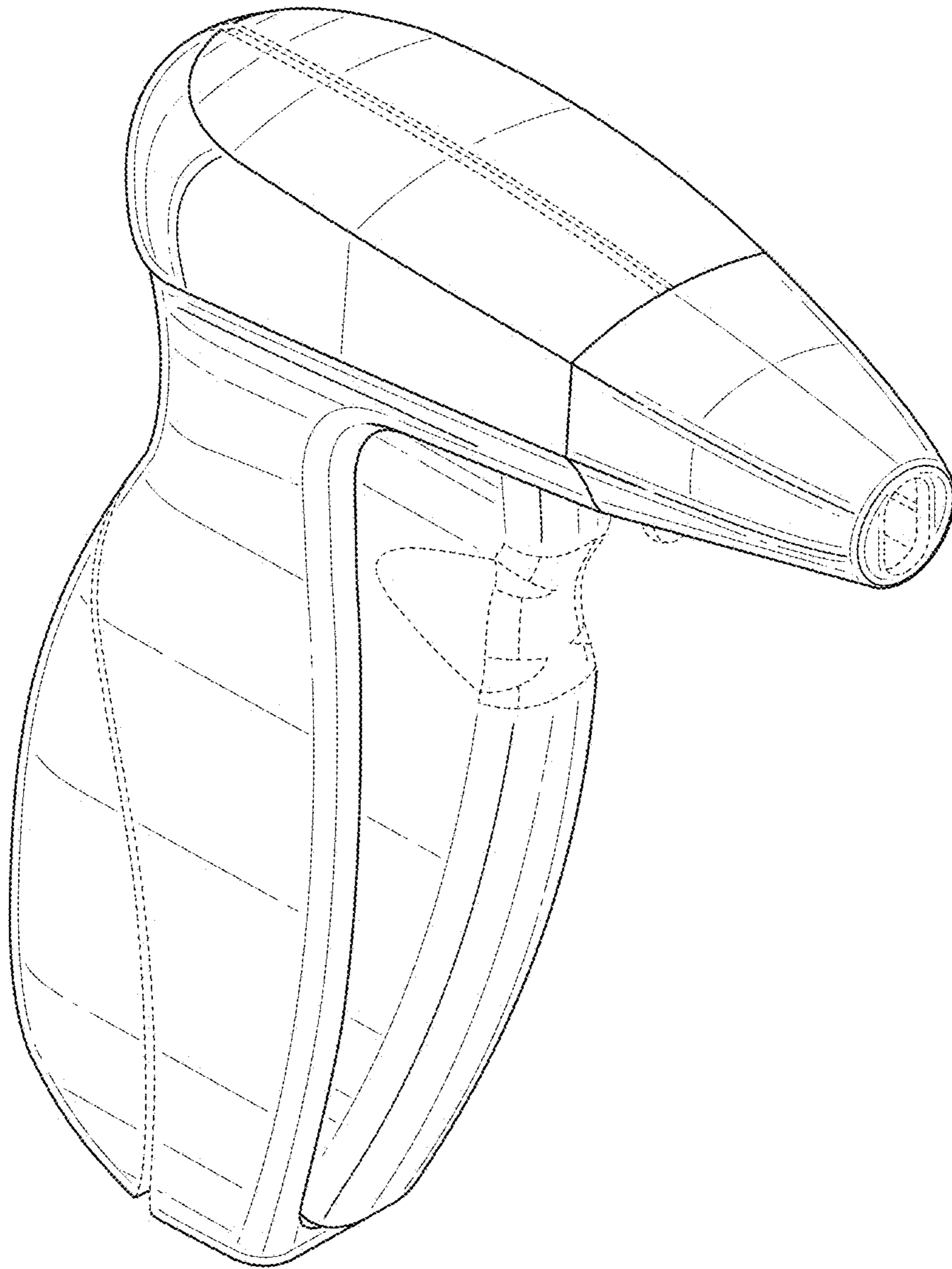


FIG. 10